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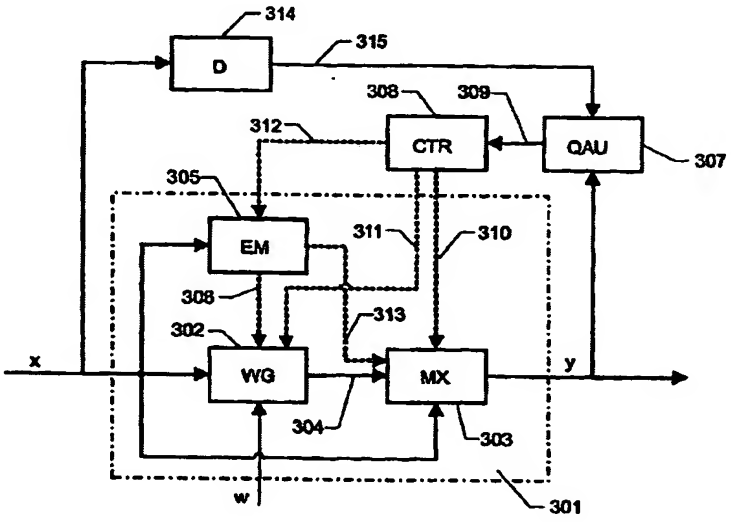
(54) Title: SIGNAL PROCESSING



(57) Abstract: A method of processing an information signal comprising: applying a signal modification process to an information signal resulting in a processed signal, said signal modification process being controlled by at least one control parameter; comparing the processed signal with the information signal to determine a measure of perceptual quality of the processed signal; and adjusting said at least one control parameter in response to the determined measure of perceptual quality. The method is advantageously used in watermarking and compression systems, that use a model of the Human Auditory or Visual System to control the watermark embedding depth or the compression ratio, and that often fail to maintain a constant signal quality because they ignore other artifacts than the mask-to-noise ratio.

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